

IN THE CLAIMS:

Please amend Claims 1 and 3 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) An image processing apparatus comprising:  
a sensor including a plurality of pixels each including a light receiving element, and a scanning circuit for reading out signals in time sequence from the plurality of pixels; and

a drive circuit which supplies pulses for driving said scanning circuit,  
wherein said drive circuit is so arranged to drive said scanning circuit in different read-out modes so that said scanning circuit supplies a first pulse to each [[a]] pixel in the read-out mode of ~~to be read out, when~~ a first resolution ~~is selected~~, and supplies the first pulse to the pixel to be read out while supplying [[and]] a second pulse smaller than the first pulse to a pixel to be thinned out in the read-out mode of, ~~when~~ a second resolution lower than the first resolution ~~is selected~~.

2. (Original) An apparatus according to claim 1, wherein when the second resolution is selected, said drive circuit supplies the first pulse in every other pulse or in every plurality of pulses.

3. (Currently amended) An apparatus according to claim 2, further comprising a signal processing circuit which performs image processing on the basis of signals which are read out by supplying the first pulse from [[to]] said scanning circuit.

4. (Original) An apparatus according to claim 2, wherein said sensor is formed on the same semiconductor chip, and a plurality of said sensors are mounted on a mount board.

5. (Original) An apparatus according to claim 1, wherein each of said pixels has an amplifying device which amplifies a signal from the light receiving element, and which outputs the amplified signal, a reset switch for resetting an input portion of said amplifying device, and a selecting switch for selectively reading the signal from said amplifying device, said selecting switch being supplied with a pulse from said scanning circuit.

6. (Original) An apparatus according to claim 1, further comprising a control circuit for switching between the first resolution and the second resolution.

7. (Original) An apparatus according to claim 1, further comprising a light source for irradiating light on said sensor, and a transport member for moving an original and said sensor relative to each other.